

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/518,057
Source: PCT
Date Processed by STIC: 01/05/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

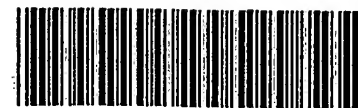
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:42

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

3 <110> APPLICANT: TAKARA BIO INC.
 5 <120> TITLE OF INVENTION: Enzyme for digesting sulfated fucan from seacucumber
 7 <130> FILE REFERENCE: 663848
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/518,057
 C--> 9 <141> CURRENT FILING DATE: 2004-12-16
 9 <150> PRIOR APPLICATION NUMBER: JP 2002-180490
 10 <151> PRIOR FILING DATE: 2002-06-20
 12 <150> PRIOR APPLICATION NUMBER: JP 2002-239843
 13 <151> PRIOR FILING DATE: 2002-08-20
 15 <160> NUMBER OF SEQ ID NOS: 1

Does Not Comply
 Corrected Diskette Needed

Cp2-1)

ERRORED SEQUENCES

17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 1521
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Fucoidanobacter marinus SI-0098
 22 <400> SEQUENCE: 1
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 31 taggttgcct gatgtaactt ggagaggaag gagtggctaa ctctgtgcca gcagccgcgg 540
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 46 tgaatacgtt cccaggcctt gtacacaccg cccgtcacgt tatggaagcc ggttttgccc 1440

→ p/s Explain
 n' locations
 see page
 3 for
 Error
 Explanation

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47 gaagtatggt agctaaccgc caagggaggc gatgtcctaa ggtgaggctg gtaactggaa 1500
48 cgaagtcgta acaaggtac c 1521

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:43

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; N Pos. 158,206,295

Error Explanations

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/518,057

DATE: 01/05/2006

TIME: 11:26:43

Input Set : A:\PCT-JP03-07838seq.txt

Output Set: N:\CRF4\01052006\J518057.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1
L:26 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1
L:27 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1